



BT-9300S laser particle size analyzer

Particle size analysis report

Range : 0.1um - 716um

Sample Name:Al-S-5		SampleOwner:mohammadi		
Medium Name:Water		MeasureDept:khpmco		
Matter Index:2.50000+3.00000 Optical:Mie		Operator:mohammadi		
Medium Index:1.333	Mode:7.22 - 1	Test Date:2017-02-16	Test Time:09:15:24	
Remark: (1:3.00)-0-(0:3)				
D50:3.190um	D[4,3]:3.302um	D[3,2]:2.411um	Obscuration:17.94%	
Span:1.341	D[2,1]:1.643um	SSA:9215cm ² /g	Residual:7.552%	
D3:0.840um	D6:1.082um	D10:1.323um	D16:1.571um	D25:1.917um
D75:4.491um	D84:5.087um	D90:5.604um	D97:6.526um	D98:6.822um

Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%
0.000 - 0.100	0	0	0.812 - 0.903	1.06	3.74	7.640 - 8.502	0.33	99.99	71.88 - 79.99	0	100
0.100 - 0.111	0	0	0.903 - 1.004	1.23	4.97	8.502 - 9.461	0.01	100	79.99 - 89.01	0	100
0.111 - 0.123	0	0	1.004 - 1.117	1.5	6.47	9.461 - 10.52	0	100	89.01 - 99.05	0	100
0.123 - 0.136	0	0	1.117 - 1.243	2	8.47	10.52 - 11.70	0	100	99.05 - 110.2	0	100
0.136 - 0.151	0	0	1.243 - 1.383	2.84	11.31	11.70 - 13.02	0	100	110.2 - 122.6	0	100
0.151 - 0.168	0	0	1.383 - 1.539	3.83	15.14	13.02 - 14.48	0	100	122.6 - 136.4	0	100
0.168 - 0.186	0	0	1.539 - 1.712	4.61	19.75	14.48 - 16.11	0	100	136.4 - 151.7	0	100
0.186 - 0.206	0	0	1.712 - 1.905	4.93	24.68	16.11 - 17.92	0	100	151.7 - 168.8	0	100
0.206 - 0.229	0	0	1.905 - 2.120	4.82	29.5	17.92 - 19.94	0	100	168.8 - 187.8	0	100
0.229 - 0.254	0	0	2.120 - 2.359	4.63	34.13	19.94 - 22.19	0	100	187.8 - 208.9	0	100
0.254 - 0.282	0	0	2.359 - 2.625	4.83	38.96	22.19 - 24.69	0	100	208.9 - 232.4	0	100
0.282 - 0.313	0	0	2.625 - 2.921	5.63	44.59	24.69 - 27.47	0	100	232.4 - 258.6	0	100
0.313 - 0.348	0	0	2.921 - 3.250	6.64	51.23	27.47 - 30.57	0	100	258.6 - 287.7	0	100
0.348 - 0.387	0	0	3.250 - 3.616	7.48	58.71	30.57 - 34.02	0	100	287.7 - 320.1	0	100
0.387 - 0.430	0	0	3.616 - 4.024	7.97	66.68	34.02 - 37.85	0	100	320.1 - 356.2	0	100
0.430 - 0.478	0.03	0.03	4.024 - 4.478	8.09	74.77	37.85 - 42.12	0	100	356.2 - 396.4	0	100
0.478 - 0.531	0.14	0.17	4.478 - 4.983	7.74	82.51	42.12 - 46.87	0	100	396.4 - 441.1	0	100
0.531 - 0.590	0.33	0.5	4.983 - 5.545	6.85	89.36	46.87 - 52.16	0	100	441.1 - 490.8	0	100
0.590 - 0.656	0.54	1.04	5.545 - 6.170	5.35	94.71	52.16 - 58.04	0	100	490.8 - 546.1	0	100
0.656 - 0.730	0.73	1.77	6.170 - 6.866	3.43	98.14	58.04 - 64.59	0	100	546.1 - 607.7	0	100
0.730 - 0.812	0.91	2.68	6.866 - 7.640	1.52	99.66	64.59 - 71.88	0	100	607.7 - 716.0	0	100

